AMENDMENTS TO THE CLAIMS:

Kindly amend claims 1-9 and add new claims 10-18 as follows.

These claims will replace all prior versions of claims in the present application.

LISTING OF CLAIMS:

1. (Currently Amended) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller, comprising: ~~characterized by that, with~~

a device for supplying a specified quantity ~~Q~~ of gas, ~~G~~ while dividing at a specified flow rate ratio Q1/Q2 from a gas supply facility ~~I~~ provided with a flow controller, ~~QCS~~ into a chamber ~~C~~ through a plurality of branch supply lines including a first branch supply line and a second branch supply line ~~GL1 and GL2~~ and shower plates are ~~3 and 4~~ fixed to ~~the~~ ends ~~thereof~~ the first branch supply line and the second branch supply line;

a first open/close valve ~~s OV1~~ and a second open/close valve ~~OV2~~ are installed on the first branch supply line and the second ~~provided with an afore-mentioned plurality of~~ branch supply line, ~~s GL1 and GL2~~ respectively; ~~, and also~~

a first bypass line is disposed ~~BL1~~ on a ~~the~~ downstream side of the first ~~an~~ open/close valve ~~OV1~~ and branched from the first branch supply line; ~~GL1,~~

a second bypass line is disposed ~~BL2~~ on a ~~the~~ downstream side of the second ~~an~~ open/close valve ~~OV2~~ and branched from the second branch supply line; ~~GL2,~~

a pressure type division quantity controller is ~~FV~~ connected to the first ~~afore-mentioned~~ bypass line and the second bypass line; ~~s BL1 and BL2,~~

a first pressure sensor ~~PS1~~ is disposed to measure pressure inside the first branch supply line; ~~GL1,~~ and

a second pressure sensor ~~PS2~~ is disposed to measure pressure inside the second branch supply line, wherein Q1 and Q2 are specified quantities of gas supplied to the first branch supply line and the second branch supply line, respectively ~~GL2 are provided~~.

2. (Currently Amended) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 1, wherein a control device is disposed ~~CT~~ to regulate a ~~the~~ degree of opening of the ~~a~~ pressure type division quantity controller ~~FV is provided~~ to reduce a ~~the~~ difference between actual pressure of a ~~the~~ branch supply line and set pressure to reach the specified flow rate ratio Q1/Q2 by comparing either one of a first set pressure or a second set pressure, respectively, ~~P1 or P12~~ of the first branch supply line ~~s GL1~~ and the second branch supply line ~~GL2~~ to reach the specified flow rate ratio Q1/Q2 with corresponding first actual pressure or second actual pressure ~~PT1 or PT2~~ of the first branch supply line ~~s GL1~~ and the second branch supply line ~~GL2~~ measured by the first pressure sensor ~~PS1~~ or the second pressure sensor ~~PS2~~.

3. (Currently Amended) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 1, ~~or Claim 2~~ wherein the first ~~an~~ open/close valve ~~OV1~~ and the second ~~an~~ open/close valve ~~OV2~~ are pneumatically operated, and a switch valve ~~SV~~ is disposed to supply ~~provided for supplying~~ actuating air to the first open/close valve ~~OV1~~ and the second open/close valve ~~OV2~~.

4. (Currently Amended) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 1, ~~Claim 2 or Claim 3~~ wherein the first ~~an~~ open/close valve ~~OV1~~ and the second ~~an~~ open/close valve ~~OV2~~ are made to be integrated.

5. (Currently Amended) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 1, ~~Claim 2, Claim 3 or Claim 4~~ wherein a pressure type flow controller FCS is used for a flow controller QCS.

6. (Currently Amended) A method for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller, the method comprising the steps of: ~~characterized by that, with a method for~~

supplying a specified quantity Q of gas, ~~G~~ while dividing at a specified flow rate ratio Q1/Q2 from a gas supply facility ~~1~~ provided with a flow controller, ~~QCS~~ into a chamber ~~C~~ through a plurality of branch supply lines including a first branch supply line and a second branch supply line ~~GL1 and GL2~~ and shower plates are ~~3 and 4~~ fixed to ~~the~~ ends thereof, wherein a first open/close valve ~~OV1~~ and a second open/close valve ~~OV2~~ are installed on ~~the an afore-mentioned plurality of~~ first branch supply lines ~~GL1~~ and on the second branch supply line, ~~GL2~~ respectively, ~~and also~~ a first bypass line is disposed ~~BL1~~ on ~~a the~~ downstream side of the first ~~an~~ open/close valve ~~OV1~~ and is branched from the first branch supply line ~~GL1~~ and a second bypass line is disposed ~~BL2~~ on ~~a the~~ downstream side of the second ~~an~~ open/close valve ~~OV2~~ and is branched from the second branch supply line ~~GL2~~, a pressure type division quantity controller is ~~FV~~ connected to the first ~~afore-mentioned~~ bypass lines ~~BL1~~ and to the second bypass line ~~BL2~~, a first pressure sensor is disposed ~~PS1~~ to measure pressure inside the first branch supply line ~~GL1~~ and a second pressure sensor is disposed ~~PS2~~ to measure pressure inside the second branch supply line GL2 ~~are provided~~ so that a total quantity Q=Q1+Q2 of gas is supplied, while dividing, into a chamber ~~C~~ at desired division quantities Q1 and Q2 by opening the open/close valve of whichever one of the first

branch supply line and the second branch supply line ~~which~~ has a larger flow rate to regulate ~~a~~the degree of opening of the ~~afore-mentioned~~ pressure type division quantity controller FV; and

adjusting ~~the~~ flow rate of the one branch supply line that~~which~~ has the larger flow rate to the flow rate of the other branch supply line that~~which~~ has the smaller flow rate, thus regulating pressure in the first branch supply lines ~~GL1~~ and the second branch supply line, wherein Q1 and Q2 are specified quantities of gas supplied to the first branch supply line and the second branch supply line, respectively~~GL2~~.

7. (Currently Amended) A method for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 6, wherein ~~it is so made that~~ the degree of opening of ~~the~~a pressure type division quantity controller ~~FV~~ is regulated to reduce ~~a~~the difference between actual pressure of a branch supply line and set pressure to reach ~~the~~a specified flow rate ratio Q1/Q2 by comparing either one of a first set pressure ~~PH~~ or a second set pressure, respectively, ~~PI2~~ of the first branch supply lines ~~GL1~~ and the second branch supply line~~GL2~~ to reach the specified flow rate ratio Q1/Q2 with corresponding first actual pressure or second actual pressure ~~PT1 or PT2~~ of the first branch supply lines ~~GL1~~ and the second branch supply line~~GL2~~ measured by the first pressure sensor ~~PS1~~ or the second pressure sensor ~~PS2~~.

8. (Currently Amended) A method for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller ~~device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller~~ as claimed in Claim 6, ~~or Claim 7~~ wherein the first ~~it is so made that an~~ open/close valve ~~OV1~~ and the second~~an~~ open/close valve ~~OV2~~ are pneumatically operated, and a switch valve ~~SV~~ is

disposed to~~provided for~~ supply~~ing~~ actuating air to the first open/close valve ~~OV1~~ and the second open/close valve ~~OV2~~ so that the open/close valve of the one branch supply line with the larger supply quantity is ~~made~~ opened by the switch valve ~~SV~~.

9. (Currently Amended) A method for supplying gas while dividing to a chamber from a gas supply facility equipped a flow controller as claimed in Claim 6, ~~Claim 7 or Claim 8~~ wherein ~~it is so made that~~ a pressure type flow controller is used for the~~a~~ flow controller ~~QCS~~.

10. (NEW) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 2, wherein the first open/close valve and the second open/close valve are pneumatically operated, and a switch valve is disposed to supply actuating air to the first open/close valve and the second open/close valve.

11. (NEW) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 2, wherein the first open/close valve and the second open/close valve are made to be integrated.

12. (NEW) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 3, wherein the first open/close valve and the second open/close valve are made to be integrated.

13. (NEW) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 2, wherein a pressure type flow controller FCS is used for a flow controller QCS.

14. (NEW) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 3, wherein a pressure type flow controller FCS is used for a flow controller QCS.

15. (NEW) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 4, wherein a pressure type flow controller FCS is used for a flow controller QCS.

16. (NEW) A method for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 7, wherein the first open/close valve and the second open/close valve are pneumatically operated, and a switch valve is disposed to supply actuating air to the first open/close valve and the second open/close valve so that the open/close valve of the one branch supply line with the larger supply quantity is opened by the switch valve.

17. (NEW) A method for supplying gas while dividing to a chamber from a gas supply facility equipped a flow controller as claimed in Claim 7, wherein a pressure type flow controller is used for the flow controller.

18. (NEW) A method for supplying gas while dividing to a chamber from a gas supply facility equipped a flow controller as claimed in Claim 8, wherein a pressure type flow controller is used for the flow controller.